

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|--|------------------|---------|------------------|
| S2 | 2 | "20040155953".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/05/23 15:50 |
| S3 | 72 | ((writ\$3 NEAR deviat\$3) NEAR (correct\$3 OR position)) OR (data NEAR writing NEAR position) SAME (laser OR diode OR LED) SAME line | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/05/23 15:54 |
| S4 | 5 | ((writ\$3 NEAR deviat\$3) NEAR (correct\$3 OR position)) OR (data NEAR writing NEAR position)) SAME (laser OR diode OR LED) SAME line | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/05/23 16:02 |
| S5 | 60 | ((writ\$3 NEAR deviat\$3) NEAR (correct\$3 OR position)) OR (data NEAR writing NEAR position)) AND (laser OR diode OR LED) SAME line | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/05/23 16:03 |
| S6 | 3 | ("5175570").PN. OR ("6911993").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/23 16:20 |
| S7 | 87 | 347/249.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/05/25 16:47 |
| S8 | 2034 | ((main\$scan\$4 NEAR deviat\$3) OR (deviation NEAR phase) OR Dphase OR phase) SAME ((dot OR pixel OR video OR image) NEAR clock) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/05/24 17:05 |
| S9 | 558 | ((main\$scan\$4 NEAR deviat\$3) OR (deviation NEAR phase) OR Dphase OR phase) SAME ((dot OR pixel OR video OR image) NEAR clock) AND laser | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/05/24 17:06 |
| S10 | 135 | ((main\$scan\$4 NEAR deviat\$3) OR (deviation NEAR phase) OR Dphase OR phase) NEAR ((dot OR pixel OR video OR image) NEAR clock) AND laser | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/05/25 11:32 |
| S11 | 3 | ("6448998" "6462853" "6509995").PN. OR ("6906739").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/24 17:20 |
| S12 | 8 | ("5138623" "5237579" "5258780" "5784091" "5946334" "6118798" "6498617" "6791596").PN. OR ("7009430").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/24 17:50 |

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| S13 | 0 | "200300257".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/24 17:50 |
| S14 | 1 | "20030025785".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/24 17:50 |
| S15 | 135 | ((main\$scan\$4 NEAR deviat\$3) OR (deviation NEAR phase) OR Dphase OR phase) NEAR ((dot OR pixel OR video OR image) NEAR clock) AND laser | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/05/25 11:33 |
| S16 | 1 | S15 AND (picture NEAR element NEAR clock) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/05/25 12:18 |
| S17 | 13 | ((picture NEAR clock) OR (picture NEAR element NEAR clock) OR (LDclk OR (laser NEAR diode NEAR clock))) SAME (main NEAR scan\$4) SAME phase | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/05/25 12:44 |
| S18 | 7 | ("4962431" "4975650" "4978976").PN. OR ("5095315").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/25 12:38 |
| S19 | 3 | ((picture NEAR clock) OR wclk OR (picture NEAR element NEAR clock) OR (LDclk OR (laser NEAR diode NEAR clock))) SAME (main NEAR scan\$4) SAME phase AND (dot NEAR correct\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/05/25 12:46 |
| S20 | 0 | 347/249.ccls. AND ((vertical NEAR scan\$4) OR sub\$scan\$4) SAME (one\$line OR (line NEAR shift)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/05/25 16:50 |
| S21 | 337 | ((vertical NEAR scan\$4) OR sub\$scan\$4) SAME (one\$line OR (line NEAR shift)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/05/25 16:50 |
| S22 | 21 | ((vertical NEAR scan\$4) OR sub\$scan\$4) SAME (one\$line OR (line NEAR shift)) SAME laser | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/05/25 16:54 |
| S23 | 0 | ((vertical NEAR scan\$4) OR sub\$scan\$4) SAME (one\$line OR (line NEAR shift)) NEAR correct\$3 SAME laser | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/05/25 16:55 |

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| S24 | 0 | ((vertical NEAR scan\$4) OR sub\$scan\$4) SAME (one\$line OR (line NEAR shift)) NEAR correct\$3 AND laser | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/05/25 16:55 |
| S25 | 17 | ((vertical NEAR scan\$4) OR sub\$scan\$4) SAME (one\$line OR (line NEAR shift)) SAME correct\$3 AND laser | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/05/25 16:55 |
| S26 | 22 | ("4460909" "4553173" "4578689").PN. OR ("4700201").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/25 17:10 |
| S27 | 0 | (correct\$3 NEAR (position OR means OR mechanism)) SAME ((terminating NEAR edge) OR edge) SAME (main NEAR scan\$4) SAME (shift NEAR phase NEAR clock) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/05/30 17:24 |
| S28 | 0 | (correct\$3 NEAR (position OR means OR mechanism)) SAME (main NEAR scan\$4) SAME (shift NEAR phase NEAR clock) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/05/30 17:24 |
| S29 | 4 | (correct\$3 NEAR (position OR means OR mechanism)) SAME (main NEAR scan\$4) SAME (shift NEAR phase) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/05/31 09:47 |
| S30 | 6 | ("6137518" "6249304" "6292206").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/05/31 09:46 |
| S31 | 12 | (correct\$3 NEAR (position OR means OR mechanism)) SAME (main NEAR scan\$4) SAME (phase) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/05/31 12:54 |
| S32 | 5 | ("4386272" "5105077" "6178031" "6469730").PN. OR ("6847390").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/31 11:45 |
| S33 | 16 | ("3827428" "4443695" "4659714" "4757191" "4831247" "4856011" "4879459" "5001341").PN. OR ("5105077").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/31 11:48 |
| S34 | 41 | (correct\$3 NEAR (position OR means OR mechanism)) SAME (scan\$4) SAME (phase NEAR (shift OR amount)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/05/31 12:35 |

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| S36 | 1 | (scan\$4) SAME (phase NEAR (shift OR amount)) NEAR (((picture OR element) NEAR clock) OR PCLK) AND laser | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/05/31 12:40 |
| S37 | 243 | ((correct\$3 OR adjust\$4) NEAR (position OR means OR mechanism)) SAME (scan\$4 OR (vertical NEAR scan\$4)) SAME ((line NEAR shift) OR (one NEAR line) OR (line NEAR width)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/05/31 13:00 |
| S38 | 237 | ((correct\$3 OR adjust\$4) NEAR (position OR deviation)) SAME (scan\$4 OR (vertical NEAR scan\$4)) SAME ((line NEAR shift) OR (one NEAR line) OR (line NEAR width)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/05/31 13:24 |
| S39 | 204 | ((correct\$3 OR adjust\$4) NEAR (position OR deviation)) SAME (scan\$4 OR (vertical NEAR scan\$4)) SAME ((line NEAR shift) OR (one NEAR line) OR (line NEAR width))) NOT ink | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/05/31 13:26 |
| S40 | 143 | ((correct\$3 OR adjust\$4) NEAR (position OR deviation)) SAME (scan\$4 OR (vertical NEAR scan\$4)) SAME ((line NEAR shift) OR (one NEAR line) OR (line NEAR width))) NOT (ink OR CRT) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/02 14:59 |
| S41 | 4 | ("5740492" "6148168" "6529616" "6687472").PN. OR ("6915096").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/31 13:56 |
| S42 | 2 | ("6493011").URPN. | USPAT | OR | ON | 2006/05/31 14:25 |
| S43 | 9 | ("4903067" "5384592" "5452073" "5576753").PN. OR ("5729353").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/31 14:59 |
| S44 | 12 | ("5040031" "5428464").PN. OR ("5646749").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/31 15:56 |
| S45 | 0 | 4459431A.pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/31 15:56 |
| S46 | 1 | "4459431".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/31 15:56 |
| S47 | 8 | ("4862196" "4950889" "5055860" "5426528" "5825522" "5852293" "5872586" "6011256").PN. OR ("6281922").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/31 16:06 |
| S48 | 0 | ((laser NEAR diode) OR diode) SAME ((line NEAR width) OR (line NEAR pitch)) SAME (deviat\$4 OR adjust\$4) NEAR correction | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/02 14:40 |

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| S49 | 1 | ((laser NEAR diode) OR diode) SAME ((line NEAR width) OR (line NEAR pitch)) SAME ((deviat\$4 OR adjust\$4) NEAR correct\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/02 14:40 |
| S50 | 69 | ((shift) NEAR (position OR deviation)) SAME (scan\$4 OR (vertical NEAR scan\$4)) SAME ((line NEAR shift) OR (one NEAR line) OR (line NEAR width))) NOT (ink OR CRT) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/02 15:09 |
| S51 | 4 | ("4670795" "5159357").PN. OR ("5825398").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/02 15:06 |
| S52 | 7 | laser NEAR diode NEAR line NEAR width | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/02 15:06 |
| S53 | 135 | ((shift) NEAR (position OR deviation)) SAME (vertical OR sub\$scan\$4) SAME (laser OR diode) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/02 15:15 |
| S54 | 22 | ((shift) NEAR (position OR deviation)) SAME (vertical OR sub\$scan\$4) SAME (correction OR adjustment) SAME (laser OR diode) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/02 15:17 |
| S55 | 40 | ((line) NEAR (position OR deviation)) SAME (vertical OR sub\$scan\$4) SAME (correction OR adjustment) SAME (laser OR diode) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/02 17:01 |
| S56 | 1 | ((correct\$3 OR adjust\$4) NEAR (deviation OR position) NEAR (vertical OR sub\$scan\$4)) SAME(belt) SAME (diode OR laser) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/02 17:02 |
| S57 | 39 | ("4572651" "4685795" "4761662" "4903067" "4914477" "4963899" "4967232").PN. OR ("5175570").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/02 17:02 |
| S58 | 77 | ("3472587" "3801197" "4132401" "4239370" "4241990" "4401024" "4531828" "4558356" "4569584" "4660077" "4662739" "4690542" "4788574").PN. OR ("4903067").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/08 07:55 |
| S59 | 9 | ("4903067" "5444525").PN. OR ("5872586").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/02 17:57 |
| S60 | 9 | ("5444525" "5737665" "5765083" "5799228" "5872586" "5875380" "5881346" "6118557" "6142690").PN. OR ("6418295").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/02 18:12 |
| S62 | 369 | (two OR second) NEAR (laser OR diode OR LED OR LD) SAME (shift\$3 OR one\$line) SAME (dot OR position) SAME (correct\$4 OR adjust\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/08 08:00 |

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| S63 | 308 | ((two OR second) NEAR (laser OR diode OR LED OR LD) SAME (shift\$3 OR one\$line) SAME (dot OR position) SAME (correct\$4 OR adjust\$4)) NOT (DVD OR CD) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/08 08:00 |
| S64 | 282 | ((two OR second) NEAR (laser OR diode OR LED OR LD) SAME (shift\$3 OR one\$line) SAME (dot OR position) SAME (correct\$4 OR adjust\$4)) NOT (DVD OR CD OR audio) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/08 12:53 |
| S65 | 1 | ((two OR second) NEAR (laser OR diode OR LED OR LD) SAME (shift\$3 OR one\$line) SAME (dot OR position) SAME (correct\$4 OR adjust\$4) SAME (video NEAR clock)) NOT (DVD OR CD OR audio) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/08 11:55 |
| S66 | 3 | ((two OR second) NEAR (laser OR diode OR LED OR LD) SAME (shift\$3 OR one\$line) SAME (dot OR position) SAME (correct\$4 OR adjust\$4) AND (video NEAR clock)) NOT (DVD OR CD OR audio) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/08 11:55 |
| S67 | 13 | ("4596995" "4823151" "4853710" "5164745" "5179392" "5315321" "5717451" "5930019").PN. OR ("6246463").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/08 12:32 |
| S68 | 214 | ((two OR second) NEAR (laser OR diode OR LED OR LD) AND (shift\$3 OR one\$line OR dot OR pixel) SAME ((sub\$scan\$4 OR vertical) NEAR (direction OR position)) SAME (correct\$4 OR adjust\$4)) NOT (DVD OR CD OR audio) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB. | OR | ON | 2006/06/08 13:01 |
| S69 | 23 | ((two OR second) NEAR (laser OR diode OR LED OR LD) AND (shift\$3 OR one\$line OR dot OR pixel) SAME ((sub\$scan\$4 OR vertical) NEAR (direction OR position)) SAME (correct\$4 OR adjust\$4) AND ((video NEAR clock) OR ((picture OR pixel) NEAR clock))) NOT (DVD OR CD OR audio) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/08 13:52 |
| S70 | 28 | ((two OR second) NEAR (laser OR diode OR LED OR LD) AND (one\$line OR dot OR pixel OR line\$width OR line) SAME ((sub\$scan\$4 OR vertical) NEAR (direction OR position)) SAME (correct\$4 OR adjust\$4 OR deviation) AND ((video NEAR clock) OR ((picture OR pixel) NEAR clock))) NOT (DVD OR CD OR audio) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/08 14:11 |
| S71 | 4 | ((two OR second) NEAR (laser OR diode OR LED OR LD) AND (one\$line OR dot OR pixel OR line\$width OR line) SAME ((sub\$scan\$4 OR vertical) NEAR (direction OR position)) NEAR (correct\$4 OR adjust\$4 OR deviation) AND ((video NEAR clock) OR ((picture OR pixel) NEAR clock))) NOT (DVD OR CD OR audio) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/08 14:15 |
| S72 | 4 | ((two OR second) NEAR (laser OR diode OR LED OR LD) AND (one\$line OR dot OR pixel OR line\$width OR line) SAME ((sub\$scan\$4 OR vertical) NEAR (direction OR position)) NEAR (correct\$4 OR adjust\$4 OR deviation OR displacement) AND ((video NEAR clock) OR ((picture OR pixel) NEAR clock))) NOT (DVD OR CD OR audio) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/08 14:16 |

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| S73 | 202 | ((two OR second) NEAR (laser OR diode OR LED OR LD) AND (one\$line OR dot OR pixel OR line\$width OR line) SAME ((sub\$scan\$4 OR vertical) NEAR ((direction OR position)) OR (correct\$4 OR adjust\$4 OR deviation OR displacement)) AND ((video NEAR clock) OR ((picture OR pixel) NEAR clock))) NOT (DVD OR CD OR audio) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/08 14:17 |
| S74 | 77 | ((two OR second) NEAR (laser OR diode OR LED OR LD) AND (one\$line OR dot OR pixel OR line\$width OR line) NEAR ((sub\$scan\$4 OR vertical) NEAR ((direction OR position)) OR (correct\$4 OR adjust\$4 OR deviation OR displacement)) AND ((video NEAR clock) OR ((picture OR pixel) NEAR clock))) NOT (DVD OR CD OR audio) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/08 14:54 |
| S75 | 27 | ((two OR second) NEAR (laser OR diode OR LED OR LD) AND (one\$line OR dot OR pixel OR line\$width OR line) NEAR ((sub\$scan\$4 OR vertical) NEAR ((direction OR position)) OR (correct\$4 OR adjust\$4 OR deviation OR displacement)) AND ((video NEAR clock) OR ((picture OR pixel) NEAR clock)) AND belt) NOT (DVD OR CD OR audio) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/08 15:27 |
| S76 | 8 | ("4613877" "5095315").PN. OR ("6052143").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/08 15:19 |
| S77 | 4 | ("6052143" "6188419" "6222611" "6262759").PN. OR ("6501493").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/08 15:26 |
| S78 | 27 | ((two OR second OR multi\$beam) NEAR (laser OR diode OR LED OR LD) AND (one\$line OR dot OR pixel OR line\$width OR line) NEAR ((sub\$scan\$4 OR vertical) NEAR ((direction OR position)) OR (correct\$4 OR adjust\$4 OR deviation OR displacement)) AND ((video NEAR clock) OR ((picture OR pixel) NEAR clock)) AND belt) NOT (DVD OR CD OR audio) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/08 16:05 |
| S79 | 16 | ((multiple OR multi OR multi\$beam) NEAR (laser OR diode OR LED OR LD) AND (one\$line OR dot OR pixel OR line\$width OR line) NEAR ((sub\$scan\$4 OR vertical) NEAR ((direction OR position)) OR (correct\$4 OR adjust\$4 OR deviation OR displacement)) AND ((video NEAR clock) OR ((picture OR pixel) NEAR clock)) AND belt) NOT (DVD OR CD OR audio) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/08 15:44 |
| S80 | 43 | ("3688033" "3997911" "4499489" "4622593" "4639789" "4680645" "4766560" "4860237" "4893136" "4912568" "4935891" "4987426" "5093798" "5138339" "5185852" "5216443" "5229760" "5233367" "5233441" "5258849").PN. OR ("5410414").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/08 15:55 |
| S81 | 8 | ("4777496" "5274398" "5438353" "5489936" "5671069" "5760816").PN. OR ("6335751").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/08 15:58 |
| S82 | 0 | ((two OR second OR multiple OR multi OR multi\$beam) NEAR (laser OR diode OR LED OR LD) AND (one\$line OR dot OR pixel OR line\$width OR line) NEAR ((sub\$scan\$4 OR vertical) NEAR ((direction OR position)) SAME (correct\$4 OR adjust\$4 OR deviation OR displacement)) AND ((video NEAR clock) OR ((picture OR pixel) NEAR clock)) AND belt) NOT (DVD OR CD OR audio) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/08 16:09 |

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| S83 | 26 | ((two OR second OR multiple OR multi OR multi\$beam) NEAR (laser OR diode OR LED OR LD) AND (one\$line OR dot OR pixel OR line\$width OR line) NEAR ((sub\$scan\$4 OR vertical) NEAR spac\$3 NEAR ((direction OR position)) OR (correct\$4 OR adjust\$4 OR deviation OR displacement)) AND ((video NEAR clock) OR ((picture OR pixel) NEAR clock)) AND belt) NOT (DVD OR CD OR audio) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/08 16:12 |
| S84 | 0 | ((two OR second OR multiple OR multi OR multi\$beam) NEAR (laser OR diode OR LED OR LD) AND (one\$line OR dot OR pixel OR line\$width OR line) NEAR ((sub\$scan\$4 OR vertical) NEAR spac\$3 NEAR (direction OR position OR correct\$4 OR adjust\$4 OR deviation OR displacement)) AND ((video NEAR clock) OR ((picture OR pixel) NEAR clock)) AND belt) NOT (DVD OR CD OR audio) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/08 16:13 |
| S85 | 2 | ((two OR second OR multiple OR multi OR multi\$beam) NEAR (laser OR diode OR LED OR LD) AND (one\$line OR dot OR pixel OR line\$width OR line) SAME (sub\$scan\$4 OR vertical) NEAR spac\$3 SAME (correct\$4 OR adjust\$4 OR deviation OR displacement) AND ((video NEAR clock) OR ((picture OR pixel) NEAR clock)) AND belt) NOT (DVD OR CD OR audio) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/08 16:17 |
| S86 | 9 | ((two OR second OR multiple OR multi OR multi\$beam) NEAR (laser OR diode OR LED OR LD) AND (one\$line OR dot OR pixel OR line\$width OR line) SAME (sub\$scan\$4 OR vertical) SAME spac\$3 SAME (correct\$4 OR adjust\$4 OR deviation OR displacement) AND ((video NEAR clock) OR ((picture OR pixel) NEAR clock)) AND belt) NOT (DVD OR CD OR audio) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/08 16:20 |
| S87 | 9 | ((two OR second OR multiple OR multi OR multi\$beam) NEAR (laser OR diode OR LED OR LD) AND (one\$line OR dot OR pixel OR line\$width OR line) SAME (sub\$scan\$4 OR vertical) SAME (spac\$3 OR deviation OR displacement) SAME (correct\$4 OR adjust\$4) AND ((video NEAR clock) OR ((picture OR pixel) NEAR clock)) AND belt) NOT (DVD OR CD OR audio) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/08 16:22 |
| S88 | 0 | ((two OR second OR multiple OR multi OR multi\$beam) NEAR (laser OR diode OR LED OR LD) AND (one\$line OR dot OR pixel OR line\$width OR line) SAME (sub\$scan\$4 OR vertical) SAME (deviation OR displacement) SAME (correct\$4 OR adjust\$4) AND ((video NEAR clock) OR ((picture OR pixel) NEAR clock)) AND belt) NOT (DVD OR CD OR audio) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/08 16:23 |
| S89 | 2 | ((two OR second OR multiple OR multi OR multi\$beam) NEAR (laser OR diode OR LED OR LD) AND (one\$line OR dot OR pixel OR line\$width OR line) SAME (sub\$scan\$4 OR vertical) SAME (deviation OR displacement) SAME (correct\$4 OR adjust\$4 OR move OR position) AND ((video NEAR clock) OR ((picture OR pixel) NEAR clock)) AND belt) NOT (DVD OR CD OR audio) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/08 16:28 |
| S90 | 1 | ("5982402").PN. OR ("6404448").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/08 16:27 |

EAST Search History

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|------|----|---|--|----|----|------------------|
| S91 | 27 | ((two OR second OR multiple OR multi OR multi\$beam) NEAR (laser OR diode OR LED OR LD) AND (one\$line OR dot OR pixel OR line\$width OR line) SAME (sub\$scan\$4 OR vertical) SAME (spac\$3 OR deviation OR displacement) SAME (correct\$4 OR adjust\$4 OR move OR position) AND ((video NEAR clock) OR ((picture OR pixel) NEAR clock))) NOT (DVD OR CD OR audio) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/08 16:29 |
| S92 | 19 | ("4420761" "5181137" "5402436" "5477330" "6233081" "6359717" "6376837" "6381057" "6384949" "6388792" "6400391" "6417509" "6429956" "6448998" "6469772" "6498617" "6509995").PN. OR ("6791596").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/08 16:38 |
| S93 | 27 | ("5831758" "6069723" "6181363").PN. OR ("6469772").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/09 12:56 |
| S94 | 99 | (touch NEAR (panel OR display OR screen)) SAME ((fax OR facisimile) AND copy) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/09 17:23 |
| S95 | 29 | (touch NEAR (panel OR display OR screen)) SAME ((fax OR facisimile) AND copy) AND correction | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/09 13:18 |
| S99 | 4 | (touch NEAR (panel OR display OR screen)) SAME ((fax OR facisimile) AND copy) AND correction and shift | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/09 13:29 |
| S101 | 12 | ("5119472" "5396341" "5398289" "5502576" "5565964" "5649033" "5722031" "5731879" "5774232").PN. OR ("6154286").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/09 13:24 |
| S102 | 23 | (touch NEAR (panel OR display OR screen OR control)) SAME ((fax OR facisimile) AND copy) AND correction and laser | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/09 14:02 |
| S103 | 6 | (touch NEAR (panel OR display OR screen OR control)) AND ((fax OR facisimile) AND copy) AND correction and ((two OR multi OR multi\$beam) NEAR (diode OR LD OR LED OR laser)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/09 14:04 |
| S104 | 5 | ("5883385" "6392684" "6462855" "6509921").PN. OR ("6839073").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/09 14:05 |
| S105 | 12 | ("4578689" "4965749" "5208608" "5436647").PN. OR ("6188419").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/09 14:15 |

EAST Search History

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|------|----|--|--|----|----|------------------|
| S106 | 27 | (touch NEAR (panel OR display OR screen)) SAME ((fax OR facisimile) AND copy) AND ((user\$input NEAR correct\$4) OR correct\$4) SAME (main\$scan\$4 OR scann\$3 OR (main NEAR scanning) OR sub\$scan\$4 OR pitch OR deviation) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/12 11:03 |
| S107 | 3 | (touch NEAR (panel OR display OR screen)) SAME ((fax OR facisimile) AND copy) AND ((user\$input NEAR correct\$4) OR correct\$4) SAME (main\$scan\$4 OR (main NEAR scanning) OR sub\$scan\$4 OR pitch OR deviation) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/09 17:27 |
| S108 | 9 | ("4686577" "4878124" "5206744" "5373371" "6034784" "6064778" "6084988" "6340984" "6647155").PN. OR ("6807320").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/12 10:32 |
| S109 | 47 | ((touch OR control OR operat*4) NEAR (panel OR display OR screen)) SAME ((fax OR facisimile) AND copy) AND (misalign\$4 OR correct\$4) SAME (main\$scan\$4 OR scann\$3 OR (main NEAR scanning) OR sub\$scan\$4 OR pitch OR deviation OR vertical OR horizontal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/12 11:06 |
| S110 | 6 | ((touch OR control OR operat*4) NEAR (panel OR display OR screen)) SAME ((fax OR facisimile) AND copy) AND (misalign\$4 OR correct\$4) SAME ((main\$scan\$4 OR (main NEAR scanning) OR vertical) AND (sub\$scan\$4 OR horizontal)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/12 11:18 |
| S111 | 20 | ("4633405" "4814824" "4835572" "4857957" "4963946" "5270779" "5325209" "5363173").PN. OR ("5565964").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/12 11:12 |
| S112 | 9 | ((touch OR control OR operat*4) NEAR (panel OR display OR screen)) AND ((fax OR facisimile) AND copy) AND (misalign\$4 OR correct\$4) SAME ((main\$scan\$4 OR (main NEAR scanning) OR (vertical NEAR (scan\$4 OR line))) AND (sub\$scan\$4 OR (horizontal NEAR (scan\$4 OR line)))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/12 11:54 |
| S113 | 9 | ((touch OR control OR operat*4) NEAR (panel OR display OR screen)) AND ((fax OR facisimile) AND copy) AND ((misalign\$4 OR correct\$4) SAME ((main\$scan\$4 OR (main NEAR scanning) OR (vertical NEAR (scan\$4 OR line))) AND (sub\$scan\$4 OR (horizontal NEAR (scan\$4 OR line)))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/12 12:01 |
| S114 | 14 | ((touch OR control OR operat*4) NEAR (panel OR display OR screen)) AND ((fax OR facisimile) AND copy) AND ((misalign\$4 OR correct\$4) SAME ((main\$scan\$4 OR (main NEAR scanning) OR (horizontal NEAR (scan\$4 OR line)) OR (dot NEAR deviat\$4) OR (halfon\$3) OR gradation) AND (sub\$scan\$4 OR (line NEAR shift) OR line\$shift OR (position\$2 NEAR deviat\$4) OR hues OR (vertical NEAR (scan\$4 OR line)))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/12 12:21 |
| S115 | 26 | ((touch OR control OR operat*4) NEAR (panel OR display OR screen)) AND ((fax OR facisimile)) AND ((misalign\$4 OR correct\$4) SAME ((main\$scan\$4 OR (main NEAR scanning) OR (horizontal NEAR (scan\$4 OR line)) OR (dot NEAR deviat\$4) OR (halfon\$3) OR gradation) AND (sub\$scan\$4 OR (line NEAR shift) OR line\$shift OR (position\$2 NEAR deviat\$4) OR hues OR (vertical NEAR (scan\$4 OR line)))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/12 12:58 |

EAST Search History

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|------|-----|--|--|----|----|------------------|
| S116 | 31 | ((touch OR control OR operat*4) NEAR (panel OR display OR screen)) AND ((fax OR facisimile)) AND ((misalign\$4 OR correct\$4 OR align\$4) SAME ((main\$scan\$4 OR (main NEAR scanning) OR (horizontal NEAR (scan\$4 OR line)) OR (dot NEAR deviat\$4) OR (halfon\$3) OR gradation) AND (sub\$scan\$4 OR (line NEAR shift) OR line\$shift OR (position\$2 NEAR deviat\$4) OR hues OR (vertical NEAR (scan\$4 OR line)))))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/12 13:35 |
| S117 | 24 | ((touch OR control OR operat*4 OR input) NEAR (panel OR display OR screen)) AND (Laser OR LED OR diode) AND ((fax OR facisimile)) AND ((misalign\$4 OR correct\$4 OR align\$4) SAME ((main\$scan\$4 OR (main NEAR scanning) OR (horizontal NEAR (scan\$4 OR line)) OR (dot NEAR deviat\$4) OR (halfon\$3) OR gradation) AND (sub\$scan\$4 OR (line NEAR shift) OR line\$shift OR (position\$2 NEAR deviat\$4) OR hues OR (vertical NEAR (scan\$4 OR line)))))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/12 13:41 |
| S118 | 2 | ((multi\$beam OR multi OR two) NEAR (Laser OR LED OR diode)) AND ((fax OR facisimile)) AND ((misalign\$4 OR correct\$4 OR align\$4) SAME ((main\$scan\$4 OR (main NEAR scanning) OR (horizontal NEAR (scan\$4 OR line)) OR (dot NEAR deviat\$4) OR (halfon\$3) OR gradation) AND (sub\$scan\$4 OR (line NEAR shift) OR line\$shift OR (position\$2 NEAR deviat\$4) OR hues OR (vertical NEAR (scan\$4 OR line)))))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/12 14:11 |
| S119 | 7 | ("4393387" "4404571" "5821978" "5995246").PN. OR ("6473110").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/12 13:48 |
| S120 | 2 | ((multi\$beam OR multi OR two) NEAR (Laser OR LED OR diode OR LD)) AND ((fax OR facisimile)) AND ((misalign\$4 OR correct\$4 OR align\$4) SAME ((main\$scan\$4 OR (main NEAR scanning) OR (horizontal NEAR (scan\$4 OR line)) OR (dot NEAR deviat\$4) OR (halfon\$3) OR gradation) AND (sub\$scan\$4 OR (line NEAR shift) OR line\$shift OR (position\$2 NEAR deviat\$4) OR hues OR (vertical NEAR (scan\$4 OR line)))))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/12 14:12 |
| S121 | 104 | ((multi\$beam OR multi OR two) NEAR (Laser OR LED OR diode OR LD)) AND (copy OR copier) AND ((misalign\$4 OR correct\$4 OR align\$4) SAME ((main\$scan\$4 OR (main NEAR scanning) OR (horizontal NEAR (scan\$4 OR line)) OR (dot NEAR deviat\$4) OR (halfon\$3) OR gradation) AND (sub\$scan\$4 OR (line NEAR shift) OR line\$shift OR (position\$2 NEAR deviat\$4) OR hues OR (vertical NEAR (scan\$4 OR line)))))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/12 14:45 |
| S122 | 4 | ((multi\$beam OR multi OR two) NEAR (Laser OR LED OR diode OR LD)) AND ((touch OR control OR operat*4 OR input) NEAR (panel OR display OR screen)) AND (copy OR copier) AND ((misalign\$4 OR correct\$4 OR align\$4) SAME ((main\$scan\$4 OR (main NEAR scanning) OR (horizontal NEAR (scan\$4 OR line)) OR (dot NEAR deviat\$4) OR (halfon\$3) OR gradation) AND (sub\$scan\$4 OR (line NEAR shift) OR line\$shift OR (position\$2 NEAR deviat\$4) OR hues OR (vertical NEAR (scan\$4 OR line)))))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/12 14:15 |

EAST Search History

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|------|--------|---|--|----|----|------------------|
| S124 | 12 | ((multi\$beam OR multi OR two) NEAR (Laser OR LED OR diode OR LD)) AND (copy OR copier) AND ((user\$defin\$3 OR inputted OR user OR manual\$3) SAME (misalign\$4 OR correct\$4 OR align\$4) SAME ((main\$scan\$4 OR (main NEAR scanning) OR (horizontal NEAR (scan\$4 OR line)) OR (dot NEAR deviat\$4) OR (halfon\$3) OR gradation) AND (sub\$scan\$4 OR (line NEAR shift) OR line\$shift OR (position\$2 NEAR deviat\$4) OR hues OR (vertical NEAR (scan\$4 OR line)))))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/12 14:49 |
| S125 | 13 | ((multi\$beam OR multi OR two) NEAR (Laser OR LED OR diode OR LD)) AND (fax OR facsimile OR copy OR copier) AND ((user\$defin\$3 OR inputted OR user OR manual\$3) SAME (misalign\$4 OR correct\$4 OR align\$4) SAME ((main\$scan\$4 OR (main NEAR scanning) OR (horizontal NEAR (scan\$4 OR line)) OR (dot NEAR deviat\$4) OR (halfon\$3) OR gradation) AND (sub\$scan\$4 OR (line NEAR shift) OR line\$shift OR (position\$2 NEAR deviat\$4) OR hues OR (vertical NEAR (scan\$4 OR line)))))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/12 17:16 |
| S126 | 138 | ("20020039698" "20020081128" "20020081513" "20020090229" "20020159797" "20030016971" "20030073021" "20030074260" "20030099479" "20030103788" "20030192869" "20030210930" "20030215264" "20030218665" "20040022552" "20040058260" "20040086293" "20040096244" "20040111888" "20040126148" "20050088697" "5244765" "5368972" "5474869" "5708949" "5740494" "5747413" "5869422" "5916841" "5920844" "5923930" "5937228" "5970280" "5999773" "6015770" "6030736" "6066429" "6096683" "6115576" "6177383" "6347212" "6366751" "6468706" "6544704" "6559421" "6593048" "6597885" "6613715" "6625409" "6631253" "6636718" "6646227" "6654579" "6658227" "6667141" "6670592" "6686946" "6699632" "6721532" "6734138" "6757509" "6757512" "6778805").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/12 15:03 |
| S127 | 13 | ("4618247" "4791453" "5583557").PN. OR ("5694637").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/12 15:19 |
| S128 | 696603 | (fax OR facsimile OR copy OR copier) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/12 17:25 |
| S129 | 5979 | (user-defin\$3 OR inputted OR user OR manual\$3 OR panel OR keyboard OR operator) SAME ((main\$scan\$4 OR (main NEAR scanning) OR (horizontal NEAR (scan\$4 OR line)) OR (dot NEAR deviat\$4) OR (halfon\$3) OR gradation) AND (sub\$scan\$4 OR (line NEAR shift) OR line\$shift OR (position\$2 NEAR deviat\$4) OR hues OR (vertical NEAR (scan\$4 OR line)))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/12 17:27 |
| S130 | 1174 | S128 AND S129 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/12 17:23 |

EAST Search History

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|------|--------|--|--|----|----|------------------|
| S131 | 439 | S130 AND (laser) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/12 17:25 |
| S132 | 355491 | (fax OR facsimile OR copier) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/12 17:26 |
| S133 | 227 | S132 AND S129 AND (laser) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/12 17:26 |
| S134 | 4311 | (user-defin\$3 OR user OR manual\$3 OR panel OR keyboard OR operator) SAME ((main\$scan\$4 OR (main NEAR scanning) OR (horizontal NEAR (scan\$4 OR line)) OR (dot NEAR deviat\$4)) AND (sub\$scan\$4 OR (line NEAR shift) OR line\$shift OR (position\$2 NEAR deviat\$4) OR (vertical NEAR (scan\$4 OR line)))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/12 17:37 |
| S135 | 105 | S132 and S134 and laser | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/12 17:28 |
| S136 | 519 | (user-defin\$3 OR user OR manual\$3 OR panel OR keyboard OR operator) SAME (correction OR alignment OR adjustment) SAME ((main\$scan\$4 OR (main NEAR scanning) OR (horizontal NEAR (scan\$4 OR line)) OR (dot NEAR deviat\$4)) AND (sub\$scan\$4 OR (line NEAR shift) OR line\$shift OR (position\$2 NEAR deviat\$4) OR (vertical NEAR (scan\$4 OR line)))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/12 17:41 |
| S137 | 59 | S136 and S134 and laser | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/12 17:38 |
| S138 | 381 | (user-defin\$3 OR user OR manual\$3 OR panel OR keyboard OR operator) SAME (correction OR adjustment) SAME ((main\$scan\$4 OR (main NEAR scanning) OR (horizontal NEAR (scan\$4 OR line)) OR (dot NEAR deviat\$4)) AND (sub\$scan\$4 OR (line NEAR shift) OR line\$shift OR (position\$2 NEAR deviat\$4) OR (vertical NEAR (scan\$4 OR line)))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/12 17:41 |
| S139 | 17 | (user-defin\$3 OR user OR manual\$3 OR panel OR keyboard OR operator) SAME (correction OR adjustment) SAME ((main\$scan\$4 OR (main NEAR scanning) OR (horizontal NEAR (scan\$4 OR line)) OR (dot NEAR deviat\$4)) AND (sub\$scan\$4 OR (line NEAR shift) OR line\$shift OR (position\$2 NEAR deviat\$4) OR (vertical NEAR (scan\$4 OR line)))) and laser and S132 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/12 17:43 |

EAST Search History

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|------|----|---|--|----|----|------------------|
| S140 | 12 | ("5361131" "5539519" "5600574" "5631686" "5798826" "5847884" "6229629" "6243173" "6381043" "6411405" "6498339").PN. OR ("6728008").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/12 17:57 |
| S141 | 52 | (US-20040155953-\$ or US-20010017690-\$ or US-20030067533-\$ or US-20030025785-\$ or US-20040150708-\$ or US-20020149666-\$ or US-20030085981-\$ or US-20040190019-\$ or US-20040114804-\$ or US-20010014228-\$).did. or (US-6275249-\$ or US-4903067-\$ or US-6995854-\$ or US-5175570-\$ or US-4700201-\$ or US-6493011-\$ or US-6906739-\$ or US-6473110-\$ or US-6498617-\$ or US-5040003-\$ or US-5095315-\$ or US-6246463-\$ or US-5930019-\$ or US-6501493-\$ or US-6417932-\$ or US-6064494-\$ or US-6519055-\$ or US-6172788-\$ or US-6038051-\$ or US-6188419-\$ or US-6469772-\$ or US-6731418-\$ or US-6657765-\$ or US-5831758-\$ or US-6108103-\$ or US-6058249-\$).did. or (US-5565964-\$ or US-6915096-\$ or US-6987535-\$ or US-6807320-\$ or US-5729353-\$ or US-5646749-\$ or US-5383754-\$ or US-4459431-\$ or US-6281922-\$ or US-5872586-\$ or US-7003241-\$ or US-6198841-\$ or US-6957031-\$).did. or (JP-03257469-\$ or JP-03073908-\$ or JP-2002067380-\$).did. | US-PGPUB; USPAT; JPO | OR | ON | 2006/06/14 12:59 |
| S142 | 3 | S141 AND ((main NEAR scan\$4) OR horizontal) SAME (stop OR control OR shift OR deviation OR correct) SAME (((multi NEAR beam) OR two OR multi) NEAR (laser OR LD OR LED OR diode)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/14 13:12 |
| S143 | 7 | S141 AND ((main NEAR scan\$4) OR horizontal) SAME (stop OR control OR shift OR deviation OR correct) AND (((multi NEAR beam) OR two OR multi) NEAR (laser OR LD OR LED OR diode)) AND ((panel OR keyboard OR input) NEAR (display OR control OR operat\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/14 13:52 |
| S144 | 12 | ("5270849" "5774251").PN. OR ("5930019").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/14 13:51 |
| S145 | 15 | ((main NEAR scan\$4) OR horizontal) SAME (stop OR control OR shift OR deviation OR correct) SAME (((multi NEAR beam) OR two OR multi) NEAR (laser OR LD OR LED OR diode)) SAME ((panel OR keyboard OR input) NEAR (display OR control OR operat\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/14 13:55 |
| S146 | 1 | ((panel OR keyboard OR input) NEAR (display OR control OR operat\$3)) SAME ((main NEAR scan\$4) OR (horizontal NEAR scan\$4)) SAME (stop OR control OR shift OR deviation OR correct) SAME (((multi NEAR beam) OR two OR multi) NEAR (laser OR LD OR LED OR diode)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/14 13:57 |
| S147 | 13 | ((panel OR keyboard OR input) NEAR (display OR control OR operat\$3)) SAME ((main NEAR scan\$4) OR (horizontal NEAR scan\$4)) SAME (stop OR control OR shift OR deviation OR correct) AND (((multi NEAR beam) OR two OR multi) NEAR (laser OR LD OR LED OR diode)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/14 14:49 |
| S148 | 13 | ("20020043611" "20020063770" "5091971" "5566372" "5700610" "6137518" "6208449" "6249304" "6292206" "6323889" "6384856" "6476370" "6654041").PN. OR ("6831672").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/14 14:07 |

EAST Search History

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|------|-----|--|--|----|----|------------------|
| S149 | 13 | ((panel OR keyboard OR input) NEAR (display OR control OR operat\$3)) SAME ((main NEAR scan\$4) OR (horizontal NEAR scan\$4)) SAME (stop\$3 OR control OR shift OR deviation OR correct) AND (((multi NEAR beam) OR two OR multi) NEAR (laser OR LD OR LED OR diode)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/14 14:51 |
| S150 | 519 | ((panel OR keyboard OR input) NEAR (display OR control OR operat\$3)) OR user OR input OR control) SAME ((main NEAR scan\$4) OR (horizontal NEAR scan\$4)) SAME (stop\$3 OR control OR shift OR deviation OR correct) AND (((multi NEAR beam) OR two OR multi) NEAR (laser OR LD OR LED OR diode)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/14 14:52 |
| S151 | 164 | ((panel OR keyboard OR input) NEAR (display OR control OR operat\$3)) OR user OR input) SAME ((main NEAR scan\$4) OR (horizontal NEAR scan\$4)) SAME (stop\$3 OR control OR shift OR deviation OR correct) AND (((multi NEAR beam) OR two OR multi) NEAR (laser OR LD OR LED OR diode)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/14 14:57 |
| S152 | 11 | ((panel OR keyboard OR input) NEAR (display OR control OR operat\$3)) OR user OR input) SAME ((main NEAR scan\$4) OR (horizontal NEAR scan\$4)) SAME (stop\$4) AND (((multi NEAR beam) OR two OR multi) NEAR (laser OR LD OR LED OR diode)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/14 15:06 |
| S153 | 4 | ((panel OR keyboard OR input) NEAR (display OR control OR operat\$3)) OR user OR input) SAME ((main NEAR scan\$4) OR (horizontal NEAR scan\$4)) SAME (correct\$3 OR adjust\$3 OR fix\$3) SAME (stop\$4) AND (((multi NEAR beam) OR two OR multi) NEAR (laser OR LD OR LED OR diode)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/14 15:09 |
| S154 | 34 | ((panel OR keyboard OR input) NEAR (display OR control OR operat\$3)) OR user OR input) SAME ((main NEAR scan\$4) OR (horizontal NEAR scan\$4)) SAME (correct\$3 OR adjust\$3 OR fix\$3) SAME (stop\$4 OR cancel OR zero OR no) AND (((multi NEAR beam) OR two OR multi) NEAR (laser OR LD OR LED OR diode)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/14 15:38 |
| S155 | 142 | ((panel OR keyboard OR input) NEAR (display OR control OR operat\$3)) OR user OR input) AND ((main NEAR scan\$4) OR (horizontal NEAR scan\$4)) SAME (correct\$3 OR adjust\$3 OR fix\$3) SAME (stop\$4 OR cancel OR zero OR no) AND (((multi NEAR beam) OR two OR multi) NEAR (laser OR LD OR LED OR diode)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/14 15:10 |
| S156 | 9 | ("5005139" "5436644" "5578819" "5652660" "5729358" "5764377" "5982508").PN. OR ("6236425").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/14 15:19 |
| S157 | 77 | ((panel OR keyboard OR input) NEAR (display OR control OR operat\$3)) OR user OR (external NEAR input)) AND ((main NEAR scan\$4) OR (horizontal NEAR scan\$4)) SAME (correct\$3 OR adjust\$3 OR fix\$3) SAME (stop\$4 OR cancel OR zero OR no) AND (((multi NEAR beam) OR two OR multi) NEAR (laser OR LD OR LED OR diode)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/14 15:50 |
| S158 | 4 | ((panel OR keyboard OR input) NEAR (display OR control OR operat\$3)) OR user OR (external NEAR input)) SAME ((main NEAR scan\$4) OR (horizontal NEAR scan\$4)) SAME (correct\$3 OR adjust\$3 OR fix\$3) SAME (stop\$4 OR cancel OR zero OR no) AND (((multi NEAR beam) OR two OR multi) NEAR (laser OR LD OR LED OR diode)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/14 15:41 |

EAST Search History

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| S159 | 5 | ((panel OR keyboard OR input) NEAR (display OR control OR operat\$3)) OR user OR (external NEAR input)) AND ((main NEAR scan\$4) OR (horizontal NEAR scan\$4)) SAME (correct\$3 OR adjust\$3 OR fix\$3) NEAR (stop\$4 OR cancel OR zero OR no) AND (((multi NEAR beam) OR two OR multi) NEAR (laser OR LD OR LED OR diode)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/14 16:01 |
| S160 | 7 | ((panel OR keyboard OR input) NEAR (display OR control OR operat\$3)) OR user OR (external NEAR input)) AND ((main NEAR scan\$4) OR (horizontal NEAR scan\$4)) SAME (correct\$3 OR adjust\$3 OR fix\$3 OR shift\$3) NEAR (stop\$4 OR cancel OR zero OR no) AND (((multi NEAR beam) OR two OR multi) NEAR (laser OR LD OR LED OR diode)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/14 16:08 |
| S161 | 6 | ("5365259" "5412408" "5963356" "6194713" "6362470" "6476955").PN. OR ("6833855").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/14 16:05 |
| S162 | 46 | ((panel OR keyboard OR input) NEAR (display OR control OR operat\$3)) OR user OR (external NEAR input)) AND ((main NEAR scan\$4) OR (horizontal NEAR scan\$4)) AND (correct\$3 OR adjust\$3 OR fix\$3 OR shift\$3) NEAR (stop\$4 OR cancel OR zero OR no) AND (((multi NEAR beam) OR two OR multi) NEAR (laser OR LD OR LED OR diode)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/14 16:17 |
| S163 | 7 | ((panel OR keyboard OR input) NEAR (display OR control OR operat\$3)) OR panel OR keyboard OR operator OR user OR (external NEAR input)) AND ((main NEAR scan\$4) OR (horizontal NEAR scan\$4)) SAME (correct\$3 OR adjust\$3 OR fix\$3 OR shift\$3) NEAR (stop\$4 OR cancel OR zero OR no\$2) AND (((multi NEAR beam) OR two OR multi) NEAR (laser OR LD OR LED OR diode)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/14 16:20 |
| S164 | 119 | ((panel OR keyboard OR input) NEAR (display OR control OR operat\$3)) OR panel OR keyboard OR operator OR user OR (external NEAR input)) AND ((main NEAR scan\$4) OR (horizontal NEAR scan\$4)) SAME (correct\$3 OR adjust\$3 OR fix\$3 OR shift\$3) SAME (stop\$4 OR cancel OR zero OR no\$2) AND (((multi NEAR beam) OR two OR multi) NEAR (laser OR LD OR LED OR diode)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/15 08:30 |
| S165 | 29 | ("4750010" "4799071" "5040003" "5072244" "5099260" "5384592" "5550625" "5587771" "5600404" "5715498" "5719680" "5760914" "5778280" "5806430" "5854958").PN. OR ("6118463").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/14 16:21 |
| S166 | 1 | ((picture NEAR element) OR pixel OR write) NEAR clock) OR welk) SAME shift\$3 SAME phase SAME (scaling OR scale OR error OR half\$tone) SAME ((two OR multi OR (multi NEAR beam) OR multi\$beam) NEAR (laser OR LED OR LD OR diode)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/15 08:34 |
| S167 | 11 | ((picture NEAR element) OR pixel OR write) NEAR clock) OR welk) SAME shift\$3 SAME phase SAME (scaling OR scale OR error OR half\$tone) AND ((two OR multi OR (multi NEAR beam) OR multi\$beam) NEAR (laser OR LED OR LD OR diode)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/15 09:16 |

EAST Search History

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|------|-----|--|--|----|----|------------------|
| S168 | 624 | (((((picture NEAR element) OR pixel OR write) NEAR clock) OR wclk) SAME shift\$3 SAME (scaling OR scale OR error OR half\$tone)) OR (VCO OR (voltage NEAR oscillat\$3) SAME (vclk OR (video NEAR clock)))) AND ((two OR multi OR (multi NEAR beam) OR multi\$beam) NEAR (laser OR LED OR LD OR diode)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/15 09:19 |
| S169 | 0 | (((((picture NEAR element) OR pixel OR write) NEAR clock) OR wclk) SAME shift\$3 SAME (scaling OR scale OR error OR half\$tone)) SAME (VCO OR (voltage NEAR oscillat\$3) SAME (vclk OR (video NEAR clock)))) AND ((two OR multi OR (multi NEAR beam) OR multi\$beam) NEAR (laser OR LED OR LD OR diode)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/15 09:20 |
| S170 | 1 | (((((picture NEAR element) OR pixel OR write) NEAR clock) OR wclk) SAME shift\$3 SAME (scaling OR scale OR error OR half\$tone)) AND (VCO OR (voltage NEAR oscillat\$3) SAME (vclk OR (video NEAR clock)))) AND ((two OR multi OR (multi NEAR beam) OR multi\$beam) NEAR (laser OR LED OR LD OR diode)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/15 10:48 |
| S171 | 2 | "20010028387".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/15 09:42 |
| S172 | 2 | "6833856".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/15 09:42 |
| S173 | 3 | ("5450211" "5610651" "5933184").PN. OR ("6833856").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/15 10:07 |
| S174 | 1 | "20030030718".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/15 10:08 |
| S175 | 1 | (((((picture NEAR element) OR pixel OR write) NEAR clock) OR wclk OR pclk OR D\$phase OR DDETP) SAME shift\$3 SAME (scaling OR scale OR error OR half\$tone)) AND (VCO OR (voltage NEAR oscillat\$3) SAME (vclk OR (video NEAR clock)))) AND ((two OR multi OR (multi NEAR beam) OR multi\$beam) NEAR (laser OR LED OR LD OR diode)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/15 10:51 |
| S176 | 23 | (time SAME difference SAME (sync SAME (end OR start OR begin)) SAME compar\$4) AND ((two OR multi OR (multi NEAR beam) OR multi\$beam) NEAR (laser OR LED OR LD OR diode)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/15 10:56 |
| S177 | 84 | (time SAME difference SAME ((sync OR synchroniz\$4) SAME (end OR start OR begin)) SAME compar\$4) AND ((two OR multi OR (multi NEAR beam) OR multi\$beam) NEAR (laser OR LED OR LD OR diode)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/15 10:57 |

EAST Search History

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| S178 | 3 | (time SAME difference SAME ((sync OR synchroniz\$4) NEAR (end OR start OR begin)) SAME compar\$4) AND ((two OR multi OR (multi NEAR beam) OR multi\$beam) NEAR (laser OR LED OR LD OR diode)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/15 10:57 |
| S179 | 55 | ("3688033" "3997911" "4004079" "4084196" "4150400" "4433346" "4437122" "4447830" "4450483" "4499489" "4583128" "4622593" "4639789" "4680645" "4766560" "4791678" "4806951" "4847641" "4860237" "4893136" "4912568" "4935891" "4987426" "5006937" "5016193" "5073953" "5081689" "5093798" "5121195" "5138339" "5148497" "5185852" "5200831" "5216443" "5229760" "5233367" "5233441" "5235432" "5237432" "5241329" "5249242" "5258849" "5268682" "5274472" "5283664" "5299300" "5301265" "5345542" "5367381" "5410414" "5485289" "5638107" "5638110").PN. OR ("6519055").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/15 13:02 |
| S180 | 12 | ("4578689" "4965749" "5208608" "5436647").PN. OR ("6188419").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/15 14:04 |
| S181 | 2 | ("5134667" "5680226").PN. OR ("6417932").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/15 14:09 |
| S182 | 0 | (half NEAR tone OR half\$tone) SAME ((display OR keyboard OR input OR external) NEAR (panel OR console OR display) OR user OR panel OR console) SAME ((two OR multi OR (multi NEAR beam)) NEAR (laser OR LD OR diode OR LED)) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/15 14:14 |
| S183 | 69 | (half NEAR tone OR half\$tone) SAME ((display OR keyboard OR input OR external) NEAR (panel OR console OR display) OR user OR panel OR console) AND ((two OR multi OR (multi NEAR beam)) NEAR (laser OR LD OR diode OR LED)) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/15 14:15 |
| S184 | 27 | (half NEAR tone OR half\$tone) SAME ((display OR keyboard OR input OR external) NEAR (panel OR console OR display) OR user) AND ((two OR multi OR (multi NEAR beam)) NEAR (laser OR LD OR diode OR LED)) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/15 15:23 |
| S185 | 10 | ((main NEAR scan\$4) OR vertical) SAME (pitch OR (line NEAR deviat\$4)) SAME ((display OR keyboard OR input OR external) NEAR (panel OR console OR display) OR user) AND ((two OR multi OR (multi NEAR beam)) NEAR (laser OR LD OR diode OR LED)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/15 15:28 |
| S186 | 248 | ((main NEAR scan\$4) OR vertical OR pitch OR (line NEAR deviat\$4)) SAME (correct\$3 OR adjust\$4 OR fix\$3 OR regulat\$3))SAME ((display OR keyboard OR input OR external) NEAR (panel OR console OR display) OR user) AND ((two OR multi OR (multi NEAR beam)) NEAR (laser OR LD OR diode OR LED)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/15 15:36 |
| S187 | 28 | ((main NEAR scan\$4) OR vertical OR pitch OR (line NEAR deviat\$4)) SAME (correct\$3 OR adjust\$4 OR fix\$3 OR regulat\$3))SAME ((display OR keyboard OR input OR external) NEAR (panel OR console OR display) OR user) AND ((two OR multi OR (multi NEAR beam)) NEAR (laser OR LD OR diode OR LED))) NOT (NOT printer) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/15 15:40 |

EAST Search History

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|------|----|--|--|----|----|------------------|
| S188 | 28 | S186 AND S187 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/15 15:39 |
| S189 | 28 | (((main NEAR scan\$4) OR vertical OR pitch OR (line NEAR deviat\$4)) SAME (correct\$3 OR adjust\$4 OR fix\$3 OR regulat\$3))SAME ((display OR keyboard OR input OR external) NEAR (panel OR console OR display) OR user) AND ((two OR multi OR (multi NEAR beam)) NEAR (laser OR LD OR diode OR LED))) AND S187 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/15 15:42 |
| S190 | 28 | (US-20060025897-\$ or US-20050219303-\$ or US-20050203664-\$ or US-20050192727-\$ or US-20040155953-\$ or US-20040145644-\$ or US-20040070661-\$ or US-20030083776-\$ or US-20030060922-\$ or US-20030025782-\$).did. or (US-6925356-\$ or US-6831672-\$ or US-6600965-\$ or US-6027682-\$ or US-5926203-\$ or US-5870307-\$ or US-5844591-\$ or US-5806424-\$ or US-5776409-\$ or US-5712963-\$ or US-5666213-\$ or US-5638463-\$ or US-5383036-\$ or US-5345391-\$ or US-5184307-\$ or US-5137662-\$ or US-4492465-\$ or US-4443103-\$).did. | US-PGPUB; USPAT | OR | ON | 2006/06/15 15:42 |
| S191 | 28 | (((main NEAR scan\$4) OR vertical OR pitch OR (line NEAR deviat\$4)) SAME (correct\$3 OR adjust\$4 OR fix\$3 OR regulat\$3))SAME ((display OR keyboard OR input OR external) NEAR (panel OR console OR display) OR user) AND ((two OR multi OR (multi NEAR beam)) NEAR (laser OR LD OR diode OR LED))) AND S190 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/16 13:47 |
| S192 | 98 | (((main NEAR scan\$4) OR vertical OR pitch OR (line NEAR deviat\$4) OR (amount NEAR deviation)) SAME (correct\$3 OR adjust\$4 OR fix\$3 OR regulat\$3)) SAME (enable OR disable OR setting OR level OR value) SAME ((display OR keyboard OR input OR external) NEAR (panel OR console OR display) OR user) AND ((two OR multi OR (multi NEAR beam)) NEAR (laser OR LD OR diode OR LED))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/16 14:16 |
| S193 | 52 | (((main NEAR scan\$4) OR vertical OR pitch OR (line NEAR deviat\$4) OR (amount NEAR deviation)) SAME (correct\$3 OR adjust\$4 OR fix\$3 OR regulat\$3)) SAME (enable OR disable OR setting OR level OR value) SAME ((display OR keyboard OR input OR external) NEAR (panel OR console OR display) OR user) AND ((two OR multi OR (multi NEAR beam)) NEAR (laser OR LD OR diode OR LED))) NOT tool | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/16 14:03 |
| S195 | 8 | (((main NEAR scan\$4) OR vertical OR pitch OR (line NEAR deviat\$4) OR (amount NEAR deviation)) SAME (correct\$3 OR adjust\$4 OR fix\$3 OR regulat\$3)) SAME (enable OR disable OR setting OR level OR value) SAME ((display OR keyboard OR input OR external) NEAR (panel OR console OR display)) AND ((two OR multi OR (multi NEAR beam)) NEAR (laser OR LD OR diode OR LED))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/16 14:20 |
| S196 | 12 | (((main NEAR scan\$4) OR vertical OR pitch OR (line NEAR deviat\$4) OR (amount NEAR deviation)) SAME (correct\$3 OR adjust\$4 OR fix\$3 OR regulat\$3) SAME (enable OR disable OR set OR level OR value) SAME ((display OR keyboard OR input OR external) NEAR (panel OR console OR display))) AND ((two OR multi OR (multi NEAR beam)) NEAR (laser OR LD OR diode OR LED))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/16 14:26 |

EAST Search History

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|------|-----|---|--|----|----|------------------|
| S197 | 169 | (((main NEAR scan\$4) OR vertical OR pitch OR (line NEAR deviat\$4) OR (amount NEAR deviation)) SAME (correct\$3 OR adjust\$4 OR fix\$3 OR regulat\$3) SAME (enable OR disable OR set OR level OR value) AND ((display OR keyboard OR input OR external) NEAR (panel OR console OR display))) AND ((two OR multi OR (multi NEAR beam)) NEAR (laser OR LD OR diode OR LED)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/19 06:54 |
| S198 | 12 | (((main NEAR scan\$4) OR vertical OR pitch OR (line NEAR deviat\$4) OR (amount NEAR deviation)) SAME (correct\$3 OR adjust\$4 OR fix\$3 OR regulat\$3) SAME (enable OR disable OR set OR level OR value) SAME ((display OR keyboard OR input OR external) NEAR (panel OR console OR display))) AND ((two OR multi OR (multi NEAR beam)) NEAR (laser OR LD OR diode OR LED)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/16 14:27 |
| S199 | 23 | (((main NEAR scan\$4) OR vertical OR pitch OR (line NEAR deviat\$4) OR (amount NEAR deviation)) SAME (correct\$3 OR adjust\$4 OR fix\$3 OR regulat\$3) SAME (program OR code OR sequence) AND ((display OR keyboard OR input OR external) NEAR (panel OR console OR display))) AND ((two OR multi OR (multi NEAR beam)) NEAR (laser OR LD OR diode OR LED)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/19 06:59 |
| S200 | 0 | (((main NEAR scan\$4) OR vertical) NEAR (pitch OR (line NEAR deviat\$4) OR (amount NEAR deviation)) SAME (correct\$3 OR adjust\$4 OR fix\$3 OR regulat\$3) SAME (program OR coding OR sequence) AND ((display OR keyboard OR input OR external) NEAR (panel OR console OR display))) AND ((two OR multi OR (multi NEAR beam)) NEAR (laser OR LD OR diode OR LED)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/19 07:00 |
| S201 | 1 | (((main NEAR scan\$4) OR vertical) SAME (pitch OR (line NEAR deviat\$4) OR (amount NEAR deviation)) SAME (correct\$3 OR adjust\$4 OR fix\$3 OR regulat\$3) SAME (program OR coding OR sequence) AND ((display OR keyboard OR input OR external) NEAR (panel OR console OR display))) AND ((two OR multi OR (multi NEAR beam)) NEAR (laser OR LD OR diode OR LED)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/19 07:01 |
| S202 | 5 | (((main NEAR scan\$4) OR vertical) SAME (pitch OR (line NEAR deviat\$4) OR (deviation)) SAME (correct\$3 OR adjust\$4 OR fix\$3 OR regulat\$3) AND (program OR coding OR sequence) AND ((display OR keyboard OR input OR external) NEAR (panel OR console OR display))) AND ((two OR multi OR (multi NEAR beam)) NEAR (laser OR LD OR diode OR LED)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/19 07:50 |
| S203 | 12 | ("20010035999" "5786594" "5999345" "6621512").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/19 07:46 |
| S204 | 23 | (((main NEAR scan\$4) OR horizontal) SAME (pitch OR (line NEAR deviat\$4) OR shift\$3 OR phase OR (deviation)) SAME (correct\$3 OR adjust\$4 OR fix\$3 OR regulat\$3) AND (program OR coding OR sequence) AND ((display OR keyboard OR input OR external) NEAR (panel OR console OR display))) AND ((two OR multi OR (multi NEAR beam)) NEAR (laser OR LD OR diode OR LED)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/19 08:20 |

EAST Search History

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|------|-----|--|--|----|----|------------------|
| S205 | 87 | ((main NEAR scan\$4) OR horizontal) SAME (pitch OR (line NEAR deviat\$4) OR shift\$3 OR line OR dot OR (line NEAR shift\$3) OR phase OR (deviation)) SAME (correct\$3 OR adjust\$4 OR fix\$3 OR regulat\$3) AND (program OR coding OR sequence) AND ((display OR keyboard OR input OR external) NEAR (panel OR console OR display))) AND ((two OR multi OR (multi NEAR beam)) NEAR (laser OR LD OR diode OR LED)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/19 09:19 |
| S206 | 6 | ("4578689" "4663523" "5045869" "5229790").PN. OR ("5374947").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/19 09:16 |
| S207 | 95 | ((main NEAR scan\$4) OR horizontal) SAME (pitch OR (line NEAR deviat\$4) OR shift\$3 OR line OR scan\$4 OR dot OR (line NEAR shift\$3) OR phase OR (deviation)) SAME (correct\$3 OR adjust\$4 OR fix\$3 OR regulat\$3) AND (program OR coding OR sequence) AND ((display OR keyboard OR input OR external) NEAR (panel OR console OR display))) AND ((two OR multi OR (multi NEAR beam)) NEAR (laser OR LD OR diode OR LED)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/19 09:51 |
| S208 | 95 | ((main NEAR scan\$4) OR horizontal) SAME (pitch OR (line NEAR deviat\$4) OR shift\$3 OR line OR scan\$4 OR dot OR (line NEAR shift\$3) OR phase OR (deviation)) SAME (correct\$3 OR adjust\$4 OR fix\$3 OR regulat\$3) AND (program OR coding OR sequence) AND ((display OR keyboard OR input OR external) NEAR (panel OR console OR display))) AND ((two OR multi OR (multi NEAR beam)) NEAR (laser OR LD OR diode OR LED)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/19 09:53 |
| S209 | 849 | ((main NEAR scan\$4) OR horizontal) SAME (pitch OR (line NEAR deviat\$4) OR shift\$3 OR line OR scan\$4 OR dot OR (line NEAR shift\$3) OR phase OR (deviation)) SAME (correct\$3 OR adjust\$4 OR fix\$3 OR regulat\$3) AND (program OR coding OR sequence) AND ((two OR multi OR (multi NEAR beam)) NEAR (laser OR LD OR diode OR LED)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/19 09:54 |
| S210 | 113 | ((main NEAR scan\$4) OR horizontal) SAME (pitch OR (line NEAR deviat\$4) OR shift\$3 OR line OR scan\$4 OR dot OR (line NEAR shift\$3) OR phase OR (deviation)) NEAR (correct\$3 OR adjust\$4 OR fix\$3 OR regulat\$3) AND (program OR coding OR sequence) AND ((two OR multi OR (multi NEAR beam)) NEAR (laser OR LD OR diode OR LED)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/19 10:01 |
| S211 | 29 | ((main NEAR scan\$4) OR horizontal) NEAR (pitch OR (line NEAR deviat\$4) OR shift\$3 OR line OR scan\$4 OR dot OR (line NEAR shift\$3) OR phase OR (deviation)) NEAR (correct\$3 OR adjust\$4 OR fix\$3 OR regulat\$3) AND (program OR coding OR sequence) AND ((two OR multi OR (multi NEAR beam)) NEAR (laser OR LD OR diode OR LED)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/19 10:04 |